

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040100533"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:39
S2	1	2004-447824.NRAN.	DERWENT	OR	ON	2006/03/22 10:16
S3	2	"6755509".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 10:39
S4	5	("4965594"   "5534898"   "5706041"   "5841452"   "6543879").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 10:40
S5	34	("4965594").URPN.	USPAT	OR	ON	2006/03/22 10:45
S6	20	S5 and electrode	USPAT	OR	ON	2006/03/22 10:47
S7	10	S5 and (electrode.clm.)	USPAT	OR	ON	2006/03/22 10:48
S8	4	(US-20040100533-\$.did. or (US-6755509-\$ or US-4965594-\$ or US-6974210-\$.did.	US-PGPUB; USPAT	OR	ON	2006/03/22 13:17
S9	2	(electrode near4 layer) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:20
S10	12	("6543879" "4965594" "5534898" "5706041" "5841452" "4827294").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:20
S11	1	((electrode and heater) near4 layer) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:45
S12	2	(electrode near4 layer) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:20
S13	12	("4251824"   "4330787"   "4345262"   "4376945"   "4450457"   "4459600"   "4536250"   "4567493"   "4577202"   "4596994"   "4613844"   "4723129").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:35
S14	41519	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:35
S15	2657	silverbrook.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:35
S16	1609	S14 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:35
S17	30	((heater and electrode) near3 layer) and (cantilever and (nanjoule "nj") and (nozzle with density) and thickness and nanograms)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:38

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S18	30	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:37
S19	43	((heater and electrode) near3 layer) and (cantilever near3 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:39
S20	29	S14 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:39
S21	4	("5719604"   "5812163"   "5988799"   "6130689").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:43
S22	1	"6312112".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:43
S23	0	S10 and "titanium nitride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:28
S24	858	S14 and "titanium nitride"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:45
S25	76	((electrode and heater) near4 layer) and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 13:46
S26	13	("20030042046"   "20030087484"   "20030089597"   "20040113988"   "4335389"   "4596994"   "4663640"   "4956653"   "4965611"   "5448273"   "5682188"   "6441838"   "6450622").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 13:51
S27	2	"20040113986"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:15
S28	0	" and 10500 nanojoules"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:15
S29	65	"500 nanojoules" and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:16
S30	0	S29 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:17

## EAST Search History

S31	113	(joule and ((actuation firing) near3 energy)) and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:17
S32	17	S31 not silverbrook.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:17
S33	3	("5030971"   "5638101"   "6234598").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/22 14:19
S34	0	S10 and joule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:20
S35	0	S10 and \$4joule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:20
S36	0	("6543879" "4965594" "5534898" "5706041" "5841452" "4827294").pn. and joule	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:21
S37	311310	S10 and titanium nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:28
S38	3	S10 and (titanium nitride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/22 14:29
S39	6	("5706041" "6543879" "4965594").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 07:43
S40	2	"5841452".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/23 08:58